

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	11149	cyclosporin	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 14:56			
2	BRS	L2	9213	hexamethyldisilazane	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 14:56			
3	BRS	L3	3	L1 same L2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 15:13			
4	BRS	L4	8	4-hydroxy-Meleu	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 15:44			
5	BRS	L5	8546	polyanion	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 15:45			
6	BRS	L6	3	3 same 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 15:45			
7	BRS	L7	22	viskov adj christian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 15:46			
8	BRS	L8	3	1 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/27 15:46			

FILE 'MEDLINE' ENTERED AT 15:52:15 ON 27 JUN 2005

FILE 'CAPLUS' ENTERED AT 15:52:15 ON 27 JUN 2005

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FILE 'AGRICOLA' ENTERED AT 15:52:15 ON 27 JUN 2005

=> s cyclosporin

L1 135758 CYCLOSPORIN

=> s polyanion

L2 13684 POLYANION

=> s hexamethyldisilazane

L3 6173 HEXAMETHYLDISILAZANE

=> s l1 (p) l3

L4 1 L1 (P) L3

=> d l4 1 ibib abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:819403 CAPLUS

DOCUMENT NUMBER: 132:36039

TITLE: Preparation of cyclosporin derivatives via deprotonation reaction

INVENTOR(S): Viskov, Christian

PATENT ASSIGNEE(S): Rhone-Poulenc Rorer SA, Fr.

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9967280	A1	19991229	WO 1999-FR1480	19990621
W:				
AE, AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2780061	A1	19991224	FR 1998-7846	19980622
FR 2780061	B1	20010907		
AU 9942700	A1	20000110	AU 1999-42700	19990621
EP 1098903	A1	20010516	EP 1999-957167	19990621
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2002518519	T2	20020625	JP 2000-555931	19990621
US 2001025025	A1	20010927	US 2000-742008	20001222
PRIORITY APPLN. INFO.:			FR 1998-7846	A 19980622
			WO 1999-FR1480	W 19990621

OTHER SOURCE(S): CASREACT 132:36039; MARPAT 132:36039

AB The invention concerns a novel method for prepg. an intermediate polyanion for prepg. ***cyclosporin*** derivs. by treating a ***cyclosporin*** with a ***hexamethyldisilazane*** metal salt, optionally in the presence of a metal halide. The treated ***cyclosporin*** has one or

several free hydroxy groups and/or non-methylated nitrogen atoms in position .alpha. and/or any other acid group capable of deprotonation which are optionally deprotonated or in protected form. Thus, [(R)-2-(N,N-dimethylamino)ethylthio-Sar]3 cyclosporine A was prepd. in 53 % yield via coupling of cyclosporine A with di-[2-(N,N-dimethylamino)ethyl] disulfide in presence of ***hexamethyldisilazane*** lithium salt and cesium chloride in tert-butylmethyl ether and toluene.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 14 (p) 12
L5 1 L4 (P) L2

=> s viskov c?/au
L6 23 VISKOV C?/AU

=> s 16 and 11
L7 2 L6 AND L1

=> duplicate remove 17
PROCESSING COMPLETED FOR L7
L8 2 DUPLICATE REMOVE L7 (0 DUPLICATES REMOVED)

=> s 18 not 14
L9 1 L8 NOT L4

=> d 19 1 ibib abs

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:425790 CAPLUS

DOCUMENT NUMBER: 131:59141

TITLE: Preparation of ***cyclosporins*** modified in position 3 via polyanions and coupling reaction

INVENTOR(S): Amouret, Guy; Guerreiro, Antonio; ***Viskov,***
*** Christian*** ; Mignani, Serge; Evers, Michel;
Barriere, Jean-Claude; Bashiardes, Georges; Carry, Jean-Christophe; Filoche, Bruno

PATENT ASSIGNEE(S): Rhone-Poulenc Rorer S.A., Fr.

SOURCE: PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9932512	A1	19990701	WO 1998-FR2745	19981216
W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
FR 2772768	A1	19990625	FR 1997-16189	19971219
FR 2772768	B1	20000114		
ZA 9811531	A	19990615	ZA 1998-11531	19981215
AU 9917640	A1	19990712	AU 1999-17640	19981216
EP 1040121	A1	20001004	EP 1998-962475	19981216
EP 1040121	B1	20040721		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI			
JP 2002502803	T2	20020129	JP 2000-525449	19981216
AT 271563	E	20040815	AT 1998-962475	19981216
ES 2224454	T3	20050301	ES 1998-962475	19981216
PRIORITY APPLN. INFO.:			FR 1997-16189	A 19971219
			WO 1998-FR2745	W 19981216

OTHER SOURCE(S): CASREACT 131:59141; MARPAT 131:59141

AB The invention concerns a novel method for prepg. a polyanion useful for prepg. ***cyclosporin*** derivs. modified in position 3 by treating a

cyclosporin with an alkali amide in liq. ammonia or in an aliph. amine of low mol. wt., in the presence of a cosolvent, and optionally in the presence of dimethylpropyleneurea (DMPU). The treated

cyclosporin has one or several free hydroxy groups and/or non-methylated nitrogen atoms in position .alpha. and/or any other acid group capable of being subjected to deprotonation and which are optionally subjected to deprotonation, or are in protected form. Thus,

[(R)-2-(N-methyl-N-tert-butylamino)ethylthio-Sar]3-[4'-hydroxy-MeLeu]4-

cyclosporin A was prepd. via coupling of [4'-hydroxy-MeLeu]4-

cyclosporin A with di-[2-(N,N-diethylamino)ethyl] disulfide in t-butylmethylether.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 15:51:43 ON 27 JUN 2005)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 15:52:15 ON 27 JUN 2005

L1 135758 S CYCLOSPORIN
L2 13684 S POLYANION
L3 6173 S HEXAMETHYLDISILAZANE
L4 1 S L1 (P) L3
L5 1 S L4 (P) L2
L6 23 S VISKOV C?/AU
L7 2 S L6 AND L1
L8 2 DUPLICATE REMOVE L7 (0 DUPLICATES REMOVED)
L9 1 S L8 NOT L4

=> log y

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